

Title (en)

TRAINING MACHINE LEARNING MODELS

Title (de)

TRAINING VON MASCHINENLERNMODELLEN

Title (fr)

FORMATION DE MODÈLES D'APPRENTISSAGE AUTOMATIQUE

Publication

**EP 3446259 A1 20190227 (EN)**

Application

**EP 17728328 A 20170519**

Priority

- US 201662339785 P 20160520
- US 2017033703 W 20170519

Abstract (en)

[origin: WO2017201511A1] Methods, systems, and apparatus, including computer programs encoded on computer storage media for training machine learning models. One method includes obtaining a machine learning model, wherein the machine learning model comprises one or more model parameters, and the machine learning model is trained using gradient descent techniques to optimize an objective function; determining an update rule for the model parameters using a recurrent neural network (RNN); and applying a determined update rule for a final time step in a sequence of multiple time steps to the model parameters.

IPC 8 full level

**G06N 3/04** (2006.01); **G06N 3/08** (2006.01)

CPC (source: EP US)

**G06N 3/044** (2023.01 - EP US); **G06N 3/045** (2023.01 - EP US); **G06N 3/084** (2013.01 - EP US)

Citation (search report)

See references of WO 2017201511A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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